



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

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३८

सं० 39] नई विल्ही, शनिवार, सितम्बर 30, 1989, (अस्विना 8, 1911)

No. 39] NEW DELHI, SATURDAY, SEPTEMBER 30, 1989 (ASVINA 8, 1911)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट नार्यात्रय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 30th September 1989

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, 3rd Floor, Lower Parel (West),
Bombay-400 013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, 3rd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

1—267 GL/89

Patent Office Branch,
61, Wallajah Road,
Madras-600 002

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020

Telegraphic address "PATENTS".

Rest of India.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 23 सितम्बर 1989

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, चिल्ली एवं भग्नास में इसके शाखा कार्यालय हैं, जिनके प्रावैशिक क्षेत्राधिकार जान के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेंट
हीसरी तल, लोअर परले (परिष्कम),
बम्बई-400013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दामन तथा
दिव एवं दादरा और नगर हवेली।

तार पता—“पेटेंट्स”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, हीसरी तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोलबाग,
नहर चिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा
कश्मीर, पंजाब, राजस्थान तथा उत्तर
प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र
चंडीगढ़ तथा चिल्ली।

तार पता—“पेटेंटोफिक”।

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated 8th July 1989 under the heading 'Complete Specification Accepted' filed in the Patent Office Branch, Bombay-13,

(1) In respect of Patent No. 164922 (148/Bom/1986) on page No. 649 under claim 1, line-21 read as 2H instead of AH.

(2) In respect of Patent No. 164923 (36/Bom/1986) on page No. 650 under Inter Cl. : line 7 read as 402 G instead H02G—

(3) In respect of Patent No. 164929 (206/Bom/1987) on page No. 652 and 653 under claim 1, may be corrected (copy attached for ready reference) as per formula shown therewith in the drawings sheet.

(4) In respect of Patent No. 164931 (48/Bom/1986) on page No. 653 (i) (Patent Rules, 1972) Patent Office Branch, Bombay-13 may be deleted below the applicant's name and address and

(ii) under claim 1 (ii) read as ROSO₃M instead of ROSOM.

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600 002.

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डुचेरी, लक्षद्वीप,
मिनिकाय तथा एमिनिदिवि द्वीप।

तार पता—“पेटेंटोफिक”।

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, विवतीय वहुत्सीय कार्यालय
भवन, 5, 6 स्था 7 वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-7000 20.

भारत का अवशेष क्षेत्र

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपर्याप्ति सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क :—शुल्कों की अदायगी या सो नकद की जायेगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भनावदेश अथवा आक आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक हाफ्ट अथवा चेक द्वारा की जा सकती है।

(5) In respect of Patent No. 164933 (270/Bom/1986) on page No. 654 under claim 1, line 5 read as 'no' instead of 'not'.

(6) In respect of Patent No. 164935 (335/Bom/1986) read as application No. 335/Bom/1986 instead of 355/Bom/1986.

(7) In respect of Patent No. 164936 (2/Bom/87) on page No. 655 under claim 1

(i) f read as 15.00% instead of 08.00% and (loss on ignition) may be deleted and

(ii) On page No. 656(iii) read as step b instead of step (ii)

(8) In respect of Patent No. 164939 (89/Bom/1987) on page No. 657 below application No. Insert as "Divisional to application No. 175/Bom/1985 filed on 5-7-1985".

(9) In respect of Patent No. 164940 (220/Bom/1987) on page No. 657 under claim 1(c) second line— "first section to said second sector, wherein said interaction and said".

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 22nd August, 1989

688/Cal/89. Hoechst Aktiengesellschaft. Water-soluble fiber-reactive dyestuffs, processes for their preparation and their use.

The 23rd August, 1989

689/Cal/89. Orissa Cement Limited. Method for the Preparation of Basic Refractories.

690/Cal/89. Gerhard Reiter. Combing machine.

691/Cal/89. Shri Subir Kumar Dutta. Automatic mechanical water level control.

The 24th August, 1989

692/Cal/89. E.I. Du Pont De Nemours & Company. Improved coagulating process for filaments.

693/Cal/89. Iummus Crest Inc. Olefins production.

694/Cal/89. Straw Products Limited. Tyre handling machine.

695/Cal/89. Lock-R-Lock, Inc. Push-button lock mechanisms.

The 25th August, 1989

696/Cal/89. Hoechst AG. A process for the preparation of nitrobenzene and aniline compounds containing a sulfonyl group.

[Divisional of Appln. No. 107/Cal/87; dated the 6th February, 1987].

The 28th August, 1989

697/Cal/89. Orissa Cement Limited. Method for the Production of Basic Refractories.

698/Cal/89. Sotralentz S.A. Container unit for the transportation and storage of material in liquid or powder form.

699/Cal/89. Mitsui Toatsu Chemicals, Incorporated. A Mercapto compound, a high refractive index resin and lens and a process for preparing them.

700/Cal/89. E.I. Du pont De Nemours & company. Purification of 2, 2-dichloro-1, 1, 1-trifluoroethane.

701/Cal/89. Norton Company. Grinding wheel having abrasive grains with vitrified bond.

702/Cal/89. Hoechst AG. A process for preparing a water soluble triphenidoxazine compound.

[Division of Appln. No. 890/Cal/86; dated the 8th December, 1986].

703/Cal/89. Tea Research Association. A process of preparing black tea from fresh tea leaves capable of yielding higher volume of tea per unit weight.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, 3RD FLOOR, KAROL BAGH, NEW DELHI

The 7th August, 1989

696/Del/89. Peter Schmidt. "A bathtub insert for handicapped persons".

697/Del/89. Satish Chandra Bisarya. "An improved process for the preparation of "BENORYLATE".

698/Del/89. UOP. "Absorptive separation of para-xylene using diethyltoluene desorbent".

699/Del/89. Acumeter Laboratories, Inc. "Method of and apparatus for screen printing and application of hot melt and other viscous fluids upon moving web and other substrates."

700/Del/89. Alcan International Ltd. "Method and composition for surface treatment". (Convention date 12th August, 1988 & 31st May, 1989) (U.K.).

701/Del/89. Te-Sung Shao. "Hidden flower rack type safety stair used for escaping from skyscraper".

702/Del/89. Momtaz Nosshi Mansour & David Walter Warren. "Indirectly heated thermochemical reactor apparatus and processes".

The 8th August, 1989

703/Del/89. Motorola Inc. "Battery and charging system therefore".

704/Del/89. Imperial Chemical Industries PLC. "A method of preparing a polynucleotide". (Convention date 19th March, 1986) (U.K.).

[Divisional date 18th March, 1987].

705/Del/89. Motorola Inc. "A digital FM demodulator with a reduced sampling rate".

706/Del/89. Motorola Inc. "Location-based adaptive radio control".

707/Del/89. Imperial Chemical Industries PLC. "Anionic dye". (Convention date 24th August, 1988 & 12th June, 1989) (U.K.).

The 9th August, 1989

708/Del/89. Best Industries, Inc. Device and method for encapsulating radioactive materials".

709/Del/89. The Procter & Gamble Co. "Granular detergent compositions containing crutched and admixed phosphate building system".

710/Del/89. Intel Gasgards Pvt. Ltd. "Improvements in and relating to diaphragm valves".

711/Del. 89. Neil Geddes Clarkson Hendry. "A method of making a preparation for use in tissue growth regulation in human or animal". (Convention date 8th October, 1985) (U.K.) & [Divisional date 8th October, 1986].

712/Del/89. Shin-Etsu Chemical Co. Ltd. "Method of preventing polymer scale formation".

713/Del/89. Moskovsky Geologorazvedochny Institut imeni Sergo Ordzhonikidze. "Device for hydraulic conveyance of loose materials".

714/Del/89. International Business Machines Corporation. "Magnetic recording apparatus with magnetic head air bearing slider". (Convention date 26th May, 1989) (U.K.).

The 11th August, 1989

715/Del/88. Crosslink Polymers Pvt. Ltd. "A process for the preparation of cross linked polyethylene foam".

716/Del/89. Vivek Gupta. "An air cooler".

717/Del/89. The Procter & Gamble Co. "Oral compositions".

718/Del/89. N. V. Bekaert S.A. "A steel wire for the reinforcement of elastomers".

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61, WILLAJAH ROAD,
MADRAS-600 002

The 14th August, 1989

604/Mas/89. Thorali Muniswamy Krishnarao. Complementary wind rotor for the horizontal axis wind turbine.

605/Mas/89. M/s. OM-Ind Electrical Electronics (P) Ltd. Battery Cut-off Switch Assembly.

606/Mas/89. Asea Brown Boveri Ltd. Method of generating an amplitude-modulated ISB transmission signal and apparatus for carrying out the method.

607/Mas/89. BASF Aktiengesellschaft. Removing CO₂ and if necessary H₂S from gases.

The 16th August, 1989

608/Mas/89. Charbonnages De France (Etablissement public). A device for feeding fluidizing gas to the openings in a grid for supporting a bed of particles to be fluidized.

609/Mas/89. Minnesota Mining and Manufacturing Company. Cross web layer application device.

610/Mas/89. Battelle Memorial Institute. Degradable thermoplastics from lactides.

611/Mas/89. Anstalt Gersan. Cutting using high energy radiation. (August 15, 1988; United Kingdom).

612/Mas/89. Anstalt Gersan. Making an elongate cut using high energy radiation. (August 15, 1988; United Kingdom).

The 17th August, 1989

613/Mas/89. Dana Corporation. A corporation of the state of Virginia. Motoring valve stem seal.

614/Mas/89. Dana Corporation. One piece metering/baffle insert for a casket.

615/Mas/89. Sacs Getters S.p.A. A mercury vapour releasing getter tape useful in the manufacture of cold cathodes for fluorescent lamps.

616/Mas/89. Monsanto Company. A process for the manufacture of sulfuric acid. (Divisional to Patent Application No. 898/Mas/85).

617/Mas/89. Owens Illinois Closure Inc. A screw cap for closing the open upper finish of a container.

618/Mas/89. Schlumberger Limited. Well tool control system.

The 18th August, 1989

619/Mas/89. Siddaiah Sudharshan. A system to indicate gas level in a cylinder.

620/Mas/89. M. Anjaiah. "Malchelme Swayam Chelana Chekra" (A fundamental machine of self motion).

621/Mas/89. Minnesota Mining and Manufacturing Company. Fluorocarbon elastomers crosslinked by ionizing radiation.

622/Mas/89. The Dow Chemical Company. Regeneration of chelated polyvalent metal solutions by controlled potential electrolysis.

OPPOSITION PROCEEDINGS

An opposition has been entered by Trade & Industry Private Limited to the grant of a Patent on application No. 164405 made by Sanjoy Bose.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

(1)

The claim made by LANXIDE TECHNOLOGY COMPANY L.P. under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 1640506 in their name has been allowed.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

(2)

The claim made by LANXIDE TECHNOLOGY COMPANY L.P. under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 163794 in their name has been allowed.

PATENTS SEALED

153859	162866	164197	164199	164200	164206	164212
164213	164232	164240	164243	164244	164245	164246
164251	164257	164293	164294	164295	164299	164300
164301	164304	164305	164306	164310	164315	164328
164330	164331	164337	164341	164350		

CAL — 16.

MAS — 10.

BOM — 4.

DEL — 3.

NO PATENTS

162073	162077	162343	162349	162389	162401	162454
162456	162457	162459	162506	162508	162516	162535
162536	162537	162638	162539	162559	162672	162685
162690	162732	162734	162737	162792	162820	162935
162954	162956	163222	163235	163336	163394	163396
163400	163414	163420	163443	163468	163469	163553
163583	163586	163628	163673	163709.		

RENEWAL FEES PAID

142863	143236	144646	144768	145201	145426	145539
145828	146436	146505	146507	146518	146966	147113
147175	147866	147938	148979	149315	149352	149615
149961	150541	151441	151543	151642	151786	151848
151987	152000	152034	152035	152373	152567	152776
152939	152956	153144	153195	153447	153691	153748
153881	153921	153941	153942	154023	154026	154200
154467	154494	155191	155231	155264	155285	155434
155450	155457	155478	155806	155807	155841	155869
156060	156073	156085	156187	156253	156276	156452
156517	156521	156559	156604	156862	156957	157077
157173	157195	157313	157378	157429	157469	157768
157982	157985	157987	158007	158025	158598	158954
158955	159136	159360	159442	159443	159445	159719
159744	159745	159952	159976	160365	160698	160851
160964	161012	161042	161125	161170	161246	161605
161772	161961	161964	162213	162216	162785	163578
163656	163697	163705	163731	163863	163879	163998
164073	164075	164078	164079	164083	164087	164090
164094	164095	164098	164131	164136	164137	164170

CESSATION OF PATENTS

151968 153563 156736 158218 159376 159377 161936
162067 162201 162414.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 160894 granted to Contraves AG for an invention relating to "periscope like sighting device".

The Patent ceased on the 12th March 1989 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 29-7-1989.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 30th November 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156287 granted to Harendra Shantilal Gandhi, Himatal Shantilal Gandhi and Kirtikumar Shantilal Gandhi for an invention relating to "an apparatus for removing moisture from a Websheet material".

The Patent ceased on the 20th March 1988 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2 dated the 4-3-1989.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 30th November 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application for restoration of Patent No. 149320 dated the 5th May 1979 made by Indian Oxygen Limited on the 28th December 1988 and notified in the Gazette of India, Part III, Section 2 dated the 15-4-89 has been allowed and the said Patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 160431 dated the 29th March 1984 made by Electronics Corporation of India Limited on the 9-1-1989 and notified in the Gazette of India, Part III, Section 2 dated the 6-5-1989 has been allowed and the said Patent restored.

(5)

Notice is hereby given that an application for restoration Patent No. 158169 dated the 11th March 1983 made by Talluri Dinakara Prasada Rao & I.T.C. Limited on the 6th December 1988 and notified in the Gazette of India, Part III, Section 2 dated the 15-4-1989 has been allowed and the said Patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 160029 dated the 6th March 1986 made by Mrs. Anita Chowdhury on the 12th December 1988 and notified in the Gazette of India, Part III, Section 2 dated the 15th April 1989 has been allowed and the said Patent restored.

(7)

Notice is hereby given that an application for restoration of Patent No. 161024 dated the 11-5-1983 made by Amar Prasad Banerji on the 17-11-1988 and notified in the Gazette of India, Part III, Section 2 dated the 18-3-1989 has been allowed and the said Patent restored.

(8)

Notice is hereby given that an application for restoration of Patent No. 160691 dated the 13-5-1983 made by Samrendra Kumar Sengupta on the 25-11-1988 and notified in the Gazette of India, Part III, Section 2 dated the 18-3-1989 has been allowed and the said Patent restored.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of Patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विविहित

एतदवारा यह सूचना वी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरांध करने के इच्छुक कार्ड व्यक्ति, इसके नियम की तिथि से 4 महीने या अधिक एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी भी नियन्त्रक, एकस्व को एस विरोद्ध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बद्धी लियित वक्तव्य; उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए गये करण, भारतीय वर्गकरण तथा अन्तर्राष्ट्रीय वर्गकरण के अनुरूप हैं।"

नीचे सूची गत विनिर्देशों की सीमित संख्यक में मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय होते थथा समय उपलब्ध होती हैं। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (यदि भारत के बाहर भेजे जाये तो अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश को आपूर्ति होते मांग पत्र के साथ निम्नलिखित सूची में यथा प्रवर्णित विनिर्देशों को संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटों प्रतियों यदि कोई हों; के साथ विनिर्देशों की टंकित अथवा फोटों प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता, इवारा विहित लिप्यान्तरण प्रभार (उक्त कार्यालय) से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अद्यायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/रु. है) फोटो लिप्यान्तरण प्रभार का परिष्करण किया जा सकता है।

CLASS : 107-G

165361

Int. Cl. : F 02 b 75/00.

INTERNAL COMBUSTION ENGINES.

Applicant & Inventor : TAI-HER YANG, OF 5-1 TAI-PIN ST., SI-HU TOWN, DZAN-HWA, TAIWAN, REPUBLIC OF CHINA.

Application No. 195/Cul/1986 filed March 13, 1986.

Convention dated 13th March, 1985 (No. 39842/85)
Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

An internal combustion engine, comprising :

gas chamber means including a fuel/air mixture intake and compression chamber for compressing a fuel/gas mixture and a combustion and exhaust chamber for combustion the fuel/gas mixture and for exhausting the waste gases, said intake and compression chamber and said combustion and exhaust chamber disposed with stationary wall means and moving wall means having sealing ends, a gate plate means supported by one of said stationary and moving wall means and extending toward and in sliding contact with the other of said wall means which serves as a camming surface for controlling said gate plate means;

means provided with said gate plate means for sequestering a portion of the gases from the compression chamber, for saving the sequestered gases into the combustion and exhaust chamber at a predetermined time in the engine cycle after a partial suction is created in the combustion and exhaust chamber before the gases are exhausted from the engine, said

sequestering, saving, and releasing means controlled by said moving wall means and the position of said sequestering, saving, and releasing means with respect to the stationary wall;

said gate plate means including :

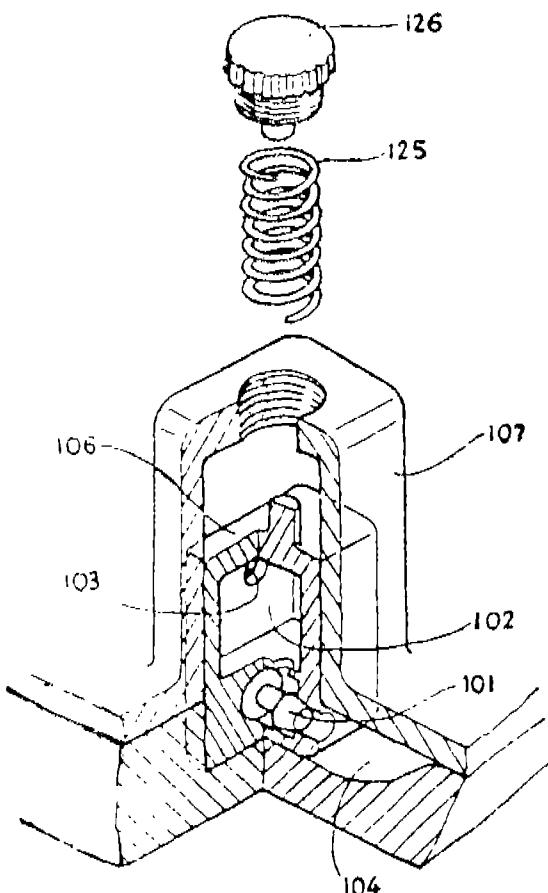
housing means;

piston means received by said housing means, said piston means having a piston wall which defines a pressure saving and transfer chamber means inside said piston means;

gas transmission guide hole means located in the wall of said piston means on a side of said piston means, said gas transmission guide hole means blocked and unblocked by said wall means supporting said gate plate means, the blocking and unblocking of said gas transmission guide hole means controlled by the contact of said gate plate means against said wall means serving as the camming surface, said gas transmission guide hole means being in direct communication with said gas chamber means when said guide hole is unblocked by said wall means supporting said gate plate means.

one-way intake valve means located in said piston means on a side of said piston means opposite to the side of the location of said gas transmission guide hole means, said one-way intake valve means in direct communication with said gas chamber when said intake valve means is open;

bias means for urging said piston means out of said housing means.



CLASS : 73; 74 & 151-C; E

165362

Int. Cl. : B 29 d 9/00, 23/00, 23/22

D 06 m 17/00.

LAYERED FABRIC AND METHOD OF FORMING SAME.

Applicant : RHEEM AUSTRALIA LIMITED, OF LEVEL 26, WESTPAC PLAZA, 60 MARGARET STREET, SYDNEY, NEW SOUTH WALES 2000, AUSTRALIA.

Inventors : (1) PAUL NICHOLAS DELLER; (2) PETER RICHARDS TERRY.

Application No. 140/Cal/1986 filed February 25, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

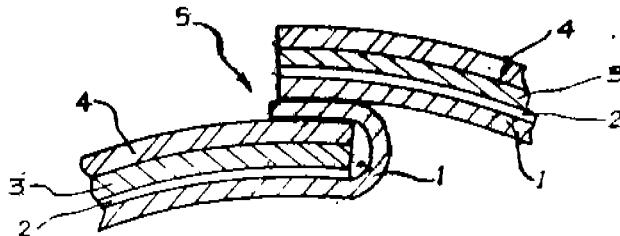
32 Claims

A layered fabric comprising :

a substrate formed from filamentary material;

an outer layer of plastics material covering one surface of said substrate and an inner layer characteristic in that said inner layer is comprised of separately extruded plastics material abutting the opposite surface of said substrate;

said layers being secured to said substrate to form a composite substantially impervious layered fabric.



Compl. specn. 15 pages

Drg. 1 sheet

CLASS : 111

165363

Int. Cl. : B 44 f 1/02, 1/12

HOLOGRAPHIC SECURITY DEVICES.

Applicant & Inventor : KENNETH JOHN HAYDEN, 14 VALLEY ROAD, PLYMPTON, PLYMOUTH, DEVON, U.K.

Application No. 171/Cal/1986 filed March 10, 1986.

Convention dated 3rd January, 1986 (No. 86.00081) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

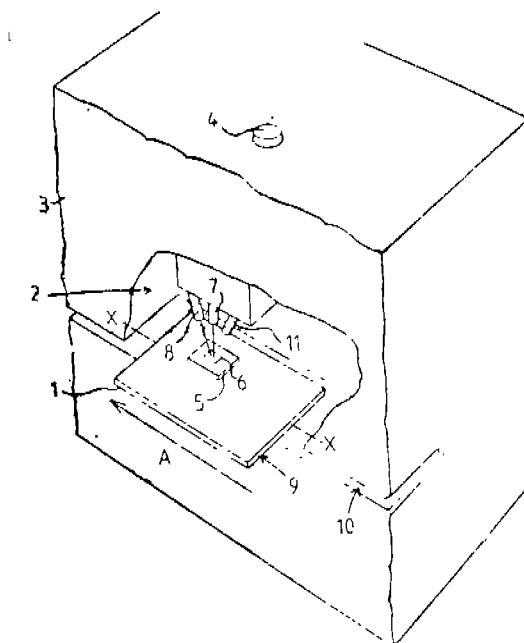
12 Claims

An identifiable security device comprising :

a carrier supporting holographically-applied identifying information;

characterised in that the said information is provided in a single piece of thick holographic film and includes at least one discrete reflective region surrounded by film of different reflectivity;

the reflective region being adapted to be read directionally and optically without a focusing system according to at least one optical parameter comprising intensity, wave length and polarisation of light reflected from the reflective region.



Compl. specn. 33 pages

Drg. 5 sheets

CLASS :

165364

Int. Cl. : C 21 d 1/00.

A PROCESS FOR IMPROVING THE PHYSICAL AND/OR STRUCTURAL PROPERTIES OF TITANIUM AND TITANIUM BASED ALLOY PRODUCTS.

Applicant : DR. MIHIR SEN OF 26D, SUBARAN SCHOOL ROAD, CALCUTTA-25, WEST BENGAL, INDIA.

Inventor : DR. MIHIR SEN.

Application 181/Cal/1986 filed March 11, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A process for improving the physical and/or structural properties of titanium and titanium based alloy products such as castings, forgings and rollings, which comprises subjecting said products to heat treatment at temperature of around 650°C in presence of hydrogen in an inert atmosphere of vacuum, in an non-interfering enclosure whereafter the product so treated with hydrogen is cooled in an inert atmosphere or vacuum to room temperature followed by subjecting the product obtained after cooling to heat treatment at temperatures higher than the temperatures in the first stage and not exceeding 900°C, said second stage heat treatment being carried out in the presence of inert atmosphere or vacuum followed by cooling the heat treated product.

Compl. specn. 11 pages

Drg. Nil

CLASS : 172-F

165365

Int. Cl. : C 03 b 37/00, 37/02, 37/04.

APPARATUS FOR THE MANUFACTURE OF FIBERS OF MINERALS SUCH AS GLASS.

Applicant : ISOVER SAINT-GOBAIN, OF "LES MIR-OIRS" 18 AVENUE D'ALSACE, 92400 COURBEVOIE, FRANCE.

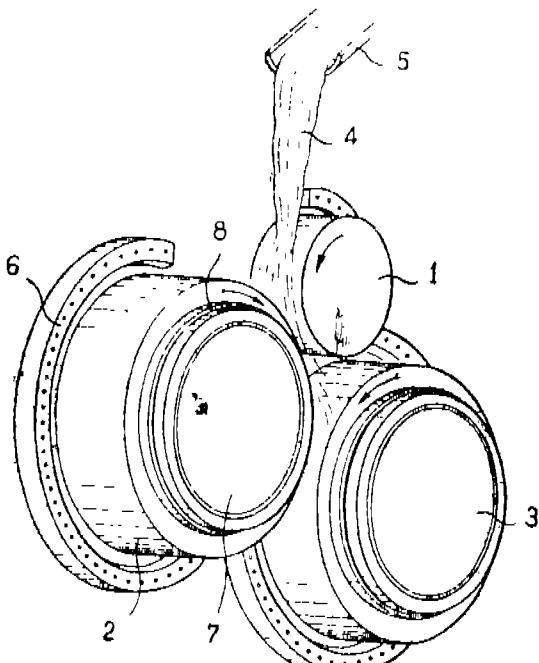
Inventor : SAVARY DIDIER.

Application No. 183/Cal/1986 filed March 11, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Apparatus for the manufacture of fibers of mineral such as glass from a drawable material having a very high melting point and poured in the molten state onto a first centrifuging wheel before being discharged onto a following wheel, each wheel transforming a part of the molten material into fibers and conveying the excess onto the following wheel, characterised in that a cooling water supply channel is located within the axis of the axle of each centrifuging wheel and solidly entrained with the rotational movement of the said wheel, the cooling water supply channel being provided with means the rotation of which brings about a flow of the cooling water, and a binder composition supply channel is located concentrically inside the cooling water supply channel and rigid therewith.



Compl. specn. 17 pages

Drg. 4 sheets

CLASS :

165366

Int. Cl. : H 02 b 1/00, 3/00.

DISTRIBUTION LINE SWITCHGEAR CONTROL SYSTEM WITH ISOLATED CASCADED POWDER SUPPLIES.

Applicant : MCGRAW-EDISON COMPANY, FIRST CITY TOWER, STE. 4000 HOUSTON, TEXAS, 77210 (U.S.A.).

Inventor : WILLIAM N. LECOURT.

Application No. 189/Cal/1986 filed March 12, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A distribution line switchgear control system comprising :

a power source operatively connected to at least one phase of the distribution line for replenishing the power consumed by said switchgear control;

a charging power source operatively connected to at least one phase of the distribution line for supplying sufficient power to establish a preselected initial energy level in said switchgear control; power rectifier means for rectifying alternating current obtained from the distribution line;

a positive power bus operatively connected to an anode of said rectifier means;

a negative power bus operatively connected to a cathode of said rectifier means;

a voltage regulating means governing a maximum voltage difference between said positive and negative power buses;

a trip energy storage device connected between said negative and positive power buses for storing trip energy;

a reclose energy storage device having two terminals, a first terminal of which is connected to a power bus;

a reclose energy bus connected to a second terminal of said reclose storage device;

a reclose diode connected between the second terminal of said reclose energy storage device and the other power bus, said recloser diode oriented to prevent said reclose energy storage device from discharging into the power buses;

a reserve energy storage device having two terminals, a first terminal of which is connected to a terminal of said reclose energy storage device;

a reserve energy bus connected to a second terminal of said reserve energy storage device;

a reserve diode connected between the second terminal of said reserve energy storage device and the other terminal of said reclose energy storage device, said reserve diode oriented to prevent said reserve energy storage device from discharging into the other terminal of said reclose energy storage device, said reserve, reclose and trip energy storage devices establishing a energy levcl of said switchgear control;

sensing means for determining the presence of pre-selected level of current in each phase of the distribution line and for providing a current present signal when the preselected value of current is present or exceeded by the distribution line current;

trip timing means responsive to the current present signal for determining the presence and duration of the current present signal, and for providing a current duration signal when the duration of the current present signal exceeds a preselected current time interval;

trip means connected between said power buses and responsive to the current duration signal for issuing a trip signal which causes a switch in the switchgear to open;

a trip counter powered by said energy buses for counting the number of times a trip signal is issued;

a trip memory which retains a non-volatile record of the number of times a trip signal is issued;

a reclose interval timer, powered by said energy buses, for determining a preselected reclose interval from a defined event and issuing a reclose interval signal;

reclose means connected to said reclose bus and responsive to the reclose interval signal for issuing a close signal which causes the switch of the switchgear to close;

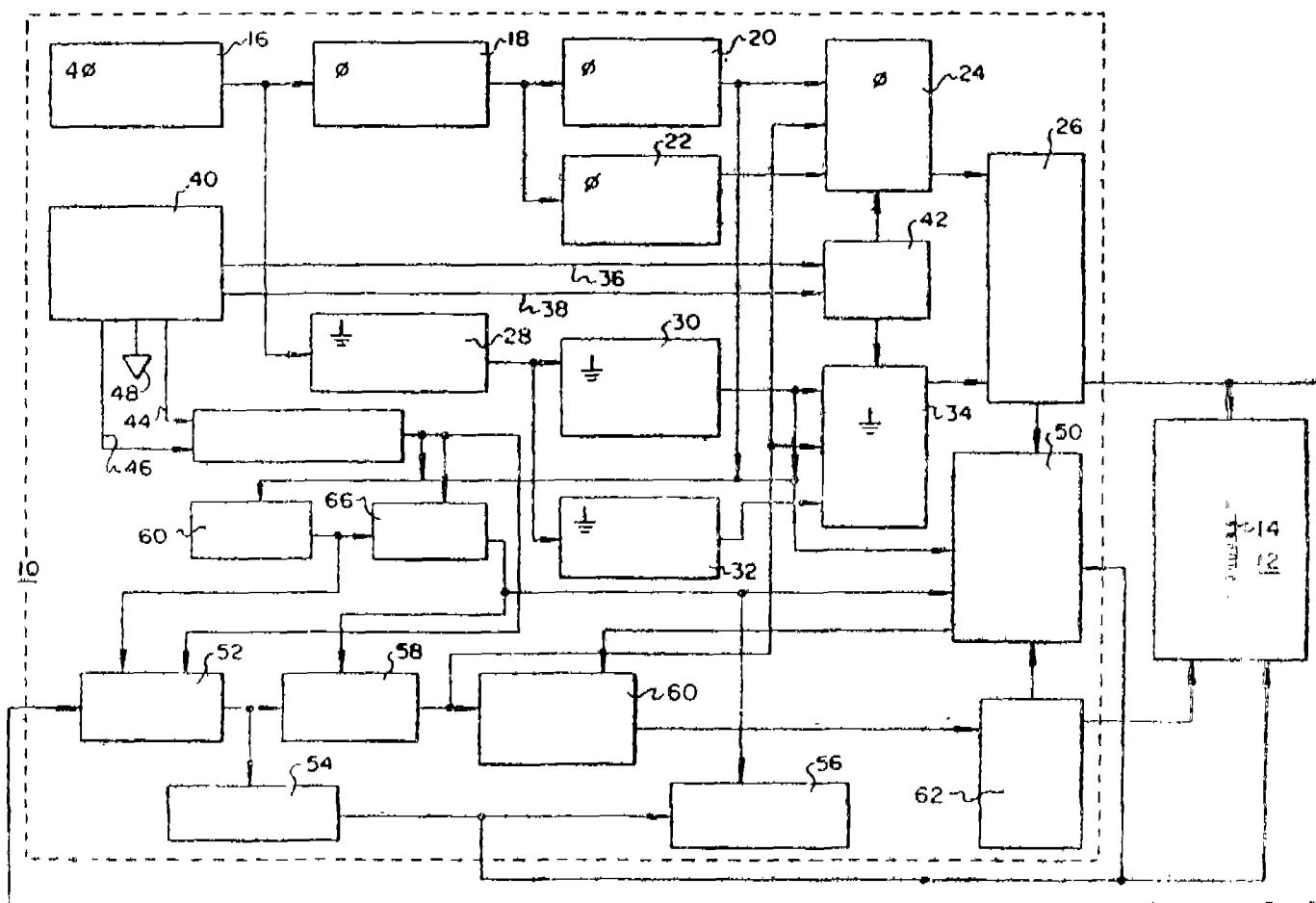
a reset timer, powered by said energy buses, for determining the reset interval after a close signal and issuing a reset interval signal which returns said trip counter to its initial state;

timing inhibit means for monitoring the voltage between said power buses to determine whether the power bus voltage exceeds a preselected minimum power bus voltage and for issuing an inhibit signal which prevents the issuance of a trip signal if the power bus voltage is less than the minimum power bus voltage;

an initializer for monitoring the voltage between the energy buses to determine whether the energy bus voltage exceeds a preselected minimum energy bus voltage and for issuing an initialization signal shortly before the energy bus voltage exceeds the minimum energy bus voltage, the initialization signal returning volatile state device including said trip counter to its initial state;

state memory means, which is non-volatile and relatively coercive, said state memory means responsive to the trip and the close signals for inhibiting said reset timer and enabling said reclose interval timer, when a trip signal was last issued, and for enabling said reset timer and inhibiting said recloser interval timer when the trip signal was not the last issued, said timers being returned to their initial states when inhibited; and

reset means responsive to the reset interval signal and the initialization signal to return all non-volatile state device including said trip memory and said state memory to their initial states.



CLASS : 128-F

165367

Int. Cl. : A 61 m 5, 00.

A DEVICE FOR AUTOMATIC SELF-CONTROL OF METABOLISM.

Applicant & Inventor : DR. MED. WOLFGANG WAGNER, OF EXERZIERSTR. 1, 1000 BERLIN 65, EAST GERMANY.

Application No. 232/Cal/1986 filed March 20, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

196 Claims

A device for automatic self-control of metabolism in particular in a measuring apparatus if required connected with an injector for the application of at least one fluid under the skin of a mammal consisting of :

at least one housing with a mechanism for the producing of a skin knob;

at least one sensor changer as a part of a measuring apparatus which renders if possible to respond with at least one chemical substance in a body liquid with the result to deliver signals corresponding to its intensity to the concentration of said substance;

at least one display to make the state of metabolism visible or ascertainable;

if injection required, a kind of cannula serving as means for the injection of fluid under the skin;

at least one computer for the adaption between pre-adjusted doses of fluid, if required, and the expedient doses appropriate to the evaluated state of metabolism in cooperation with the user;

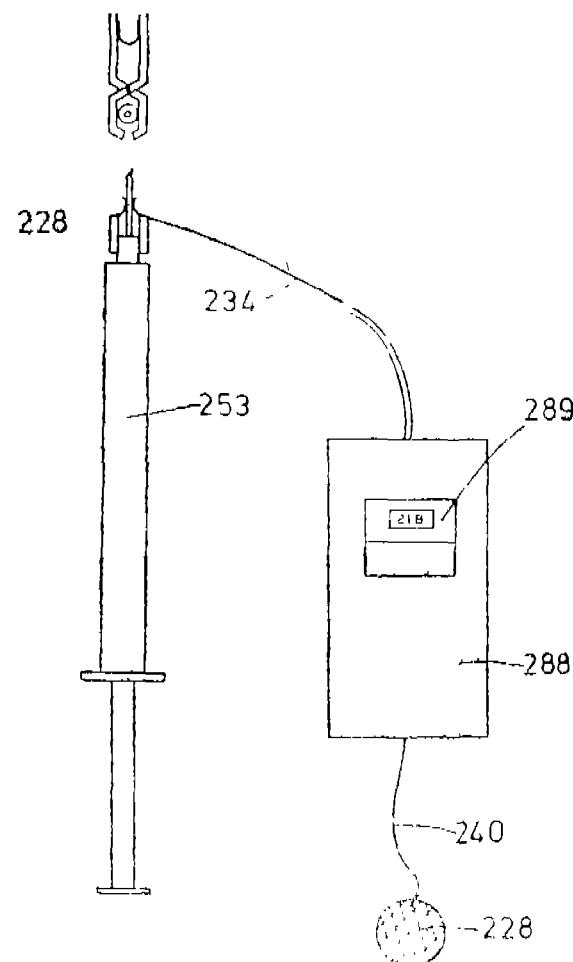
at least one supply counter for energy and required cannulas or fluid including means for economizing of it;

a mechanism for blocking the function of the device if a necessary supply is exhausted or for an at least partial blocking of in certain cases required possibilities of influence of the user;

at least one dosing mechanism for the sufficient exactly and space saving dosing free from air and at least one container of fluid;

an implement for the registration of the evaluated measuring values and the eventually applied doses or other conditions of the use of the device;

at least one sensor for checking measuring alteration at the area of said skin knob, if required, to evaluate the aptitude of the skin area for the investigation of metabolism and its promoting and for function, if required.



Compl. specn. 212 pages

Drg. 70 sheets

CLASS : 193

165368

Int. Cl. : B 23 k 35/363.

BRAZING EUTECTIC AND METHOD.

Applicant : SCHLUMBERGER ELECTRONICS (UP) LIMITED, OF VICTORIA ROAD, FARNBOUROUGH, HAMPSHIRE GU14 7PW, ENGLAND.

Inventor : STUART JAMES TOVEY

Application No. 245/Cal/86 filed March 27, 1986.

Convention dated 27th March, 1985 (United Kingdom) (No. 8507909).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method of brazing a ceramic component to another component for making high pressure electrode including the steps of :—

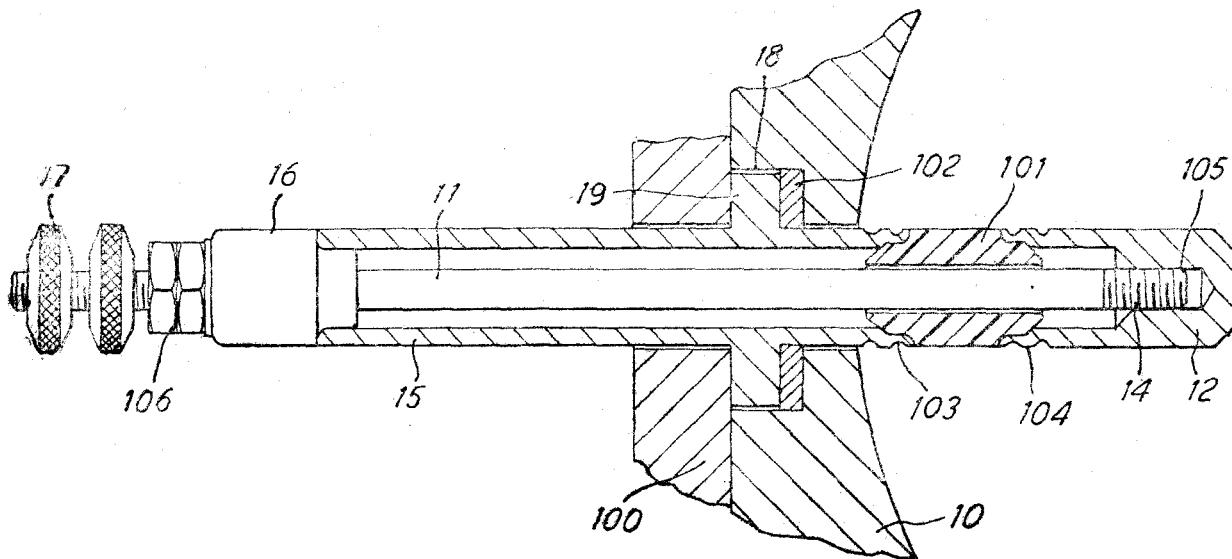
forming a ceramic component to be brazed in a ceramic of average grain size of substantially between 5 and 15 microns and of purity exceeding 99% with a maximum silica content of substantially 0.2%;

introducing between the components a eutectic of substantially the composition :

83% to 92% silver;
5% to 6% copper;

not more than 6% titanium; and
not more than 6% residual impurities;
and sufficient in quantity to fill gap therebetween; and

subjecting the components to a temperature in excess
of eutectic liquids temperature whilst maintaining the
components in a vacuum.



Compl. specn. 12 pages

Drg. 2 sheets

CLASS : 165369

Int. Cl. : D 06 p 1/00.

PROCESS FOR DYEING OR PRINTING CELLULOSE FIBERS OR CELLULOSE BLEND FIBERS.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

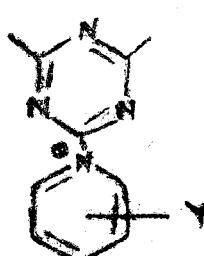
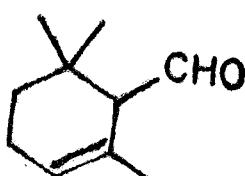
Inventors : (1) FRITZ MEININGER, (2) PETER MISCHKE, (3) GERD KONIG, (4) HARTMUT SPRINGER.

Application No. 254/Cal/86 filed March 31, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for dyeing cellulose fibers or cellulose blend fibers, which comprises dyeing by method such as herein described, the fibers mentioned with water-soluble reactive dyes such as herein described characterised in that said water-soluble reactive dyes contain in the dye molecule one to three structural elements of the formula (1) of the accompanying drawings



in which Y denotes a hydroxyl, hydroxymethyl, alkoxy $C_1\text{-}C_4$, aldehyde, carboxamide, monoalkyl $C_1\text{-}C_4$, aldehyde, carboxamide, dialkyl $C_1\text{-}C_4$ -carboxamide, monophenyl carboxamide, cyano, alkyl $C_1\text{-}C_4$ -oxycarbonyl or sulfo group or a halogen atom, in an aqueous medium within pH range 4-11.

Compl. specn. 27 pages

Drg. 14 sheets

CLASS : 165370

Int. Cl. : A 01 n 1/00.

A METHOD OF PREPARING A SYNERGISTIC SLOW RELEASE PLANT GROWTH COMPOSITION.

Applicant & Inventor : ANAND BANERJI, C/O MR. K. P. MUKHERJEE, 30A, RAM KAMAL STREET, KIDDERPORE, CALCUTTA-700 022, WEST BENGAL, INDIA.

Application No. 272/Cal/86 filed April 04, 1986.
Complete Specification left on 23rd December, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

A method of preparing a plant growth synergistic slow release composition which comprises preparing thorough blend of basic nitrogen yielding material, P_2O_5 yielding material, K_2O yielding material in such proportions so as to yield a final composition capable of yielding 9 to 14% by weight of nitrogen value, 9 to 14% by weight of P_2O_5 value and 9 to 14% by weight of K_2O value, a slow release agent such as urea formaldehyde in amounts not less than 15% by weight of the final material, a hardener such as glue, and hormones and micronutrient known per se in amounts not exceeding 0.5% by weight in all based on the final material, using additional water if necessary to obtain a homogenous mix, allowing the mix to stand until maturing ceases to take place, as indicated by volume change and structure change, thereafter adding the required amounts of organic matter with or without the required quantities of conventional

micronutrient, hormone and other additives in the presence of additional quantities of water, adding the micronutrient, hormone and other additives if the same is not already incorporated in the organic matter, mixing the components by thorough stirring to obtain a blend of uniform consistency, thereafter allowing the blend to stand until maturing ceases to take place as indicated by volume change and structure change and thereafter subjecting the final blend to step of extrusion or compaction in a known extruder or compactor to obtain the desired shape, followed by subjecting the extrudate or compacts to controlled drying at a temperature not exceeding 40°C.

Compl. specn. 18 pages

Drg. Nil

Prov. specn. 9 pages

Drg. Nil

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 160704. Rails Engineering Works, 21, Balaji Industrial Estate, Akurli Village, Kandivli (East), Bombay-400101, State of Maharashtra, India, an Indian Partnership firm. "Lid for Containers". 2nd February, 1989.

Class 1. No. 161005. Abharam Mohta, an Indian and Proprietor trading as Deshbhandhu Engineering Works, an Indian firm of 3, Darponarayan Tagore Street, Calcutta-700 006, West Bengal, India. "Ceiling Fan". 23rd May, 1989.

Class 1. No. 161055. Vladimir Vladimirovich Konovalenko, of 330063 Zaporozhie, ul. Vodonapornaya, 16, U.S.S.R., Viktor Alexandrovich Budyko, of 330035 Zaporozhie, ul. Mira, 60 U.S.S.R.; Valery Vladimirovich H Titarenko, of 330104 Zaporozhie, ul. Olimpyskaya, 10-68, U.S.S.R.; Andrei Fedoseevich Ivanchenko, of 330063 Zaporozhie, ul. Angolenko, 14A-17, U.S.S.R. Nikolai Mikhailevich Turpak, of 330059 Zaporozhie, ul. Paramonova, 5-102, U.S.S.R.; Boris Nikolaevich Lastochkin, of 330063 Zaporozhie, Pr-t Lenina, 58-4, U.S.S.R., all nationals of Union of Soviet Socialist Republic. "Stomatologic Electroanesthetizer". 6th June, 1989.

Class 1. No. 161075. Speed & Power Industries, 564 Qutab Road, Sadar Bazar, Delhi-110006, India, an Indian Partnership concern. "Baby Cot". 14th June, 1989.

Class 3. Nos. 160680 to 160683. Lyncil Plastics Private limited, an Indian firm, of J.V. Patel I.T.I., N.S.E. Compound, B. M. Road, Opp. Elphinston Station Parel, Bombay 400 013, Maharashtra, India. "Electric Lamp Fitting". 23rd January, 1989.

Class 3. No. 160703. M/s. N. Sheshmal Jain, 83, Narang Street, Bombay-3, State of Maharashtra, India, an Indian Proprietary concern. "COMB". 2nd February, 1989.

Class 3. No. 160807. Kabushiki Kaisha Sunwa Denki Seisakusho; a corporation organised under the laws of Japan, of 1-7-23 Nakamachi, Koganei-shi, Tokyo, Japan. "Analog Tester". 13th March, 1989.

Class 4. Nos. 160674 to 160677. Lyncil Plastics Private Limited, an Indian firm, of J.V. Patel I.T.I., N.S.E. Compound, B. M. Road, Opp. Elphinston Station, Parel, Bombay 400 013, Maharashtra, India. "Electric Lamp Fittings". 23rd January, 1989.

Class 5. Nos. 160736 & 160737. Lion Pencils Private Limited, a company incorporated under the Provisions of Indian (Companies Act) of Andrew Nagar, S.V. Road, Dahisar, Bombay-400 068, State of Maharashtra, India. "Carton". 21st February, 1989.

Copyright extended for the Second period of five years

No. 159180. Class 1

Nos. 153931, 159174, 159226, 159612, 159173, 159555, 159031, 159566, 159557, 159812, 159813. Class 3

Nos. 159485, 159486, 159972, 159974, 159804, 159803. Class 4.

Copyright extended for the Third period of five years

No. 159180. Class 1

Nos. 153931, 159174, 159226, 159612, 159173, 159555, 159031, 159566, 159557, 159812, 159813. Class 3

Nos. 159485, 159486, 159972, 159974, 153399, 159804, 159803. Class 4.

R. A. ACHARYA
Controller General of Patents, Designs
and Trade Marks